

1 **CLAIMS:**

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3 1. A processor-readable medium having processor-executable
4 instructions that, when executed by a processor, performs a method comprising:

5 determining where a dynamic embedded-signal detection program module
6 (“detector”) receives a subject input stream for the detector to perform detection
7 thereon to determine if the stream has an embedded-signal therein;

8 interfering with clear reception of the subject input stream, thereby
9 hindering detection by the detector.

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11 2. A medium as recited in claim 1 further comprising observing the
12 detector in a processor-readable memory of a computer to determine its location in
13 such memory.

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15 3. A medium as recited in claim 1, wherein the interfering comprises
16 adjusting “play-rate” of the incoming stream.

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18 4. A medium as recited in claim 1, wherein the interfering comprises
19 introducing a countersignal into the incoming stream.

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21 5. A medium as recited in claim 1, wherein the interfering comprises
22 introducing noise into the incoming stream.

1 6. A medium as recited in claim 1 further comprising maintaining the
2 interfering while the input stream is being consumed.

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4 7. A medium as recited in claim 1, wherein the type of the subject input
5 stream is selected from a group consisting of image, audio, video, multimedia,
6 software, metadata, and data.

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8 8. A computing device comprising:

9 an input device for receiving one or more input streams;

10 a medium as recited in claim 1.

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2 9. A method facilitating circumvention of dynamic, robust, embedded-
3 signal detection, the method comprising:

4 determining where a dynamic embedded-signal detection program module
5 ("detector") receives a subject input stream for the detector to perform detection
6 thereon to determine if the stream has an embedded-signal therein;

7 interfering with clear reception of the subject input stream, thereby
8 hindering detection by the detector.

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10 10. A method as recited in claim 9 further comprising observing the
11 detector in a processor-readable memory of a computer to determine its location in
12 such memory.

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14 11. A method as recited in claim 9 wherein the interfering comprises
15 adjusting "play-rate" of the incoming stream.

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17 12. A method as recited in claim 9, wherein the interfering comprises
18 introducing a countersignal into the incoming stream.

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20 13. A method as recited in claim 9, wherein the interfering comprises
21 introducing noise into the incoming stream.

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23 14. A method as recited in claim 9 further comprising maintaining the
24 interfering while the input stream is being consumed.

1 **15.** A method as recited in claim 9, wherein the type of the subject input
2 stream is selected from a group consisting of image, audio, video, multimedia,
3 software, metadata, and data.
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5 **16.** A computing device comprising one or more processor-readable
6 media having processor-executable instructions that, when executed by the
7 computer, perform the method as recited in claim 9.
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2 **17.** A system facilitating circumvention of dynamic, robust, embedded-
3 signal detection, the system comprising:

4 a memory-location determiner configured to determine where a dynamic
5 embedded-signal detection program module (“detector”) receives a subject input
6 stream for the detector to perform detection thereon to determine if the stream has
7 an embedded-signal therein;

8 an interferer configured to interfere with clear reception of the subject input
9 stream, thereby hindering detection by the detector.

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11 **18.** A system as recited in claim 17, wherein the memory-location
12 determiner is further configured to observe the detector in a processor-readable
13 memory of a computer to determine its location in such memory.

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15 **19.** A system as recited in claim 17, wherein the interfering comprises
16 adjusting “play-rate” of the incoming stream.

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18 **20.** A system as recited in claim 17, wherein the interferer is further
19 configured to introduce a countersignal into the incoming stream.

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21 **21.** A system as recited in claim 17, wherein the interferer is further
22 configured to introduce noise into the incoming stream.

1 **22.** A system as recited in claim 17, wherein the type of the subject input
2 stream is selected from a group consisting of image, audio, video, multimedia,
3 software, metadata, and data.
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2 **23.** A processor-readable medium having processor-executable
3 instructions that, when executed by a processor, performs a method comprising:

4 generating one or more high-priority tasks for execution on a CPU of a
5 computer, wherein these tasks have a priority higher than that of a dynamic
6 embedded-signal detection program module (“detector”) executing on the same
7 computer, this detector is configured to determine whether one or more input
8 streams have an embedded-signal therein;

9 maintaining the execution of these tasks while the input stream is being
10 consumed.

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12 **24.** A medium as recited in claim 23, wherein the type of the one or
13 more input streams is selected from a group consisting of image, audio, video,
14 multimedia, software, metadata, and data.

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16 **25.** A computing device comprising:

17 an input device for receiving one or more input streams;
18 a medium as recited in claim 23.

1 **26.** A method facilitating circumvention of dynamic, robust, embedded-
2 signal detection, the method comprising:

3 generating one or more high-priority tasks for execution on a CPU of a
4 computer, wherein these tasks have a priority higher than that of a dynamic
5 embedded-signal detection program module (“detector”) executing on the same
6 computer, this detector is configured to determine whether one or more input
7 streams have an embedded-signal therein;

8 maintaining the execution of these tasks while the input stream is being
9 consumed.

10 **27.** A method as recited in claim 26, wherein the type of the one or more
11 input streams is selected from a group consisting of image, audio, video,
12 multimedia, software, metadata, and data.

13 **28.** A computing device comprising one or more processor-readable
14 media having processor-executable instructions that, when executed by the
15 computer, perform the method as recited in claim 26.

1 **29.** A system facilitating circumvention of dynamic, robust, embedded-
2 signal detection, the system comprising a task-generator configured to generate
3 one or more high-priority tasks for execution on a CPU of a computer, wherein
4 these tasks have a priority higher than that of a dynamic embedded-signal
5 detection program module (“detector”) executing on the same computer, this
6 detector is configured to determine whether one or more input streams have an
7 embedded-signal therein, wherein the task-generator is further configured to
8 maintain the execution of these tasks while the input stream is being consumed.
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10 **30.** A system as recited in claim 29, wherein the type of the one or more
11 input streams is selected from a group consisting of image, audio, video,
12 multimedia, software, metadata, and data.
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2 **31.** A processor-readable medium having processor-executable
3 instructions that, when executed by a processor, performs a method comprising:

4 generating an inordinately large number of simultaneous and innocuous
5 input streams into a computer having a dynamic embedded-signal detection
6 program module (“detector”) executing thereon, this detector being configured to
7 determine whether one or more input streams have an embedded-signal therein;

8 maintaining these simultaneous and innocuous input streams while the
9 input stream is being consumed.

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11 **32.** A medium as recited in claim 31, wherein an inordinately large
12 number is approximately greater than the number of input streams that the
13 computer is capable of receiving simultaneously and the dynamic detector be able
14 to effectively determine whether each input stream has an embedded-signal
15 therein.

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17 **33.** A medium as recited in claim 31, wherein the type of the one or
18 more input streams is selected from a group consisting of image, audio, video,
19 multimedia, software, metadata, and data.

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21 **34.** A computing device comprising:

22 an input device for receiving one or more input streams;

23 a medium as recited in claim 31.

1 **35.** A method facilitating circumvention of dynamic, robust, embedded-
2 signal detection, the method comprising:

3 generating an inordinately large number of simultaneous and innocuous
4 input streams into a computer having a dynamic embedded-signal detection
5 program module (“detector”) executing thereon, this detector being configured to
6 determine whether one or more input streams have an embedded-signal therein;

7 maintaining these simultaneous and innocuous input streams while the
8 input stream is being consumed.

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10 **36.** A method as recited in claim 31, wherein the type of the one or more
11 input streams is selected from a group consisting of image, audio, video,
12 multimedia, software, metadata, and data.

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14 **37.** A computing device comprising one or more processor-readable
15 media having processor-executable instructions that, when executed by the
16 computer, perform the method as recited in claim 35.

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2 **38.** A system facilitating circumvention of dynamic, robust, embedded-
3 signal detection, the system comprising a signal-generator configured to generate
4 an inordinately large number of simultaneous and innocuous input streams into a
5 computer having a dynamic embedded-signal detection program module
6 (“detector”) executing thereon, this detector being configured to determine
7 whether one or more input streams have an embedded-signal therein, wherein the
8 signal-generator is further configured to maintain these simultaneous and
9 innocuous input streams while the input stream is being consumed.

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11 **39.** A system as recited in claim 38, wherein the type of the one or more
12 input streams is selected from a group consisting of image, audio, video,
13 multimedia, software, metadata, and data.

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2 **40.** A processor-readable medium having processor-executable
3 instructions that, when executed by a processor, performs a method comprising:

4 introducing one or more decoy input streams into a computer having a
5 dynamic embedded-signal detection program module (“detector”) executing
6 thereon, this detector being configured to determine whether one or more input
7 streams have an embedded-signal therein, wherein the embedded-signals of the
8 decoy input streams are tampered in a manner detectable by the detector;

9 submitting one or more target input streams into the computer.

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11 **41.** A medium as recited in claim 40, wherein the type of the one or
12 more input streams is selected from a group consisting of image, audio, video,
13 multimedia, software, metadata, and data.

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15 **42.** A computing device comprising:

16 an input device for receiving one or more input streams;
17 a medium as recited in claim 40.

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2 **43.** A method facilitating circumvention of dynamic, robust, embedded-
3 signal detection, the method comprising:

4 introducing one or more decoy input streams into a computer having a
5 dynamic embedded-signal detection program module ("detector") executing
6 thereon, this detector being configured to determine whether one or more input
7 streams have an embedded-signal therein, wherein the embedded-signals of the
8 decoy input streams are tampered in a manner detectable by the detector;

9 submitting one or more target input streams into the computer.

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11 **44.** A method as recited in claim 43, wherein the type of the one or more
12 input streams is selected from a group consisting of image, audio, video,
13 multimedia, software, metadata, and data.

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15 **45.** A computing device comprising one or more processor-readable
16 media having processor-executable instructions that, when executed by the
17 computer, perform the method as recited in claim 43.

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2 **46.** A system facilitating circumvention of dynamic, robust, embedded-
3 signal detection, the system comprising:

4 a decoy-signal generator configured to introduce one or more decoy input
5 streams into a computer having a dynamic embedded-signal detection program
6 module (“detector”) executing thereon, this detector being configured to determine
7 whether one or more input streams have an embedded-signal therein, wherein the
8 embedded-signals of the decoy input streams are tampered in a manner detectable
9 by the detector;

10 a target-signal provider configured to submit one or more target input
11 streams into the computer.

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13 **47.** A system as recited in claim 46, wherein the type of the one or more
14 input streams is selected from a group consisting of image, audio, video,
15 multimedia, software, metadata, and data.